

Amendments to the Claims

Listing of Claims:

Claims 1 – 12 (canceled).

Claim 13 (new). A force measuring device, comprising:

a housing formed of a first housing part and a second housing part connected to said first housing part;

a first force introduction means associated with said first housing part, and a second force introduction means associated with said second housing part;

said first housing part being formed as a first spring means and said second housing part being formed as a second spring means;

wherein said first and second force introduction means are resiliently movable along a common movement axis upon being subjected to respectively opposite force components directed in mutually opposite directions; and

a deflection sensor for registering a movement of said force introduction means relative to one another.

Claim 14 (new). The force measuring device according to claim 13, wherein said first and second housing parts are defined as spring means with spring constants having values that are different from one another by no more than a maximum of 75%.

Claim 15 (new). The force measuring device according to claim 13, wherein said

first and second housing parts are defined as spring means with spring constants of substantially equal value.

Claim 16 (new). The force measuring device according to claim 13, wherein said first housing part includes a first spring lever forming said first spring means and said second housing part includes a second spring lever forming said second spring means, and said first and second spring levers are disposed in each case outside said movement axis.

Claim 17 (new). The force measuring device according to claim 16, wherein said first and second spring levers extend substantially vertically with respect to said movement axis.

Claim 18 (new). The force measuring device according to claim 13, wherein said deflection sensor is disposed along said movement axis.

Claim 19 (new). The force measuring device according to claim 13, wherein said movement axis for said first and second housing parts and/or for said first and second force introduction means and/or for said deflection sensor defines a substantially rotationally symmetrical axis.

Claim 20 (new). The force measuring device according to claim 13, wherein said first housing part is integrally formed in a single piece with said first force introduction means.

Claim 21 (new). The force measuring device according to claim 20, wherein said second housing part is integrally formed in a single piece with said second force introduction means.

Claim 22 (new). The force measuring device according to claim 13, which further comprises stop elements mounted to said housing and configured to limit a maximum possible deflection of said first and the second housing parts in each direction along said movement axis.

Claim 23 (new). The force measuring device according to claim 20, wherein said stop elements include at least one internal stop element disposed inside said housing.

Claim 24 (new). The force measuring device according to claim 23, wherein said internal stop element integrally formed in a single piece with one of said first and second housing parts.

Claim 25 (new). The force measuring device according to claim 13, wherein said deflection sensor includes a first deflection sensor half rigidly connected, directly or indirectly, to said first force introduction means, and a second deflection sensor half rigidly connected, directly or indirectly, to said second force introduction means.

Claim 26 (new). The force measuring device according to claim 25, wherein said deflection sensor is an inductive sensor.

Claim 27 (new). The force measuring device according to claim 26, wherein said inductive sensor includes an induction coil with a core and a coil winding, and said first deflection sensor half comprises said core of said induction coil and said second deflection sensor half comprises said coil winding.